Datasheet

BI-DI Gigabit SFP Transceivers

Equip BI-DI serial transceivers are designed for single mode fiber with cost effective and high performance by using 1310nm transmitter and 1550 receiver or 1550nm transmitter and 1310nm receiver.

FEATHRES

-MSA compliant

-RoHs compliant

-IEC 805 compliant

-Power supply: 3.3V

-For Single Mode Applications

-LC Simplex Connector

-Metal Enclosure, for lower EMI

-0°C ~ 70°C Operating Temperature

-40°C ~ 85°C Storage Temperature

Product Information

Part Number	Description
250017	Tx:1310/Rx:1550nm 1.25Gbps BIDI SFP-10km
250018	Tx:1550/Rx:1310nm 1.25Gbps BIDI SFP-10km
250019	Tx:1310/Rx:1550nm 1.25Gbps BIDI SFP-20km
250020	Tx:1550/Rx:1310nm 1.25Gbps BIDI SFP-20km
250021	Tx:1310/Rx:1550nm 1.25Gbps BIDI SFP-40km
250022	TX:1550/RX:1310nm 125Gbps BIDI SFP-40km

Connector Types

Standard Simplex Connector	LC

Operational Ranges

Supply Voltage	3.15V-3.45V
Max Voltage	3.45V
Max Current	160mA

Warranty

2 Year Warranty

PRODUCT	Transmitter Output	Receiver Input	Wavelength (nm)	Core Size(μ m)	Operating Distance	Laser Type
250017	-9 ~ -3dBm	-21dBm	Tx1310/Rx1550	9	10km	FP
250018	-9 ~ -3dBm	-21dBm	Tx1550/Rx1310	9	10km	DFB
250019	-8 ~ -2dBm	-23dBm	Tx1310/Rx1550	9	20km	FP
250020	-8 ~ -2dBm	-23dBm	TX1550/Rx1310	9	20km	DFB
250021	-3 ~ +2dBm	-24dBm	Tx1310/Rx1550	9	40km	DFB
250022	-3 ~ +2dBm	-24dBm	Tx1550/Rx1310	9	40km	DFB